

USSN 07/800,364
Group Art Unit 1814
Filed: November 26, 1991
Page 2

(a) the nucleotide sequence set forth in SEQ ID NO:13 [from] comprising nucleotide #8 to #850; and

(b) nucleotide sequences which encode the amino acid sequence comprising amino acid #-139 to #142 of SEQ ID NO:14.

2. (third amendment) An isolated DNA sequence selected from the group consisting of [comprising]

(a) the nucleotide sequence set forth in SEQ ID NO:13 [from] comprising nucleotide #434 to #850; and

(b) nucleotide sequences which encode the amino acid sequence comprising amino acid #4 to #142 of SEQ ID NO:14.

REMARKS

Reconsideration of the application and entry of the amendments is requested. Claims 6, 9, 13, 16-19, 26-33 and 35 have been deleted in order to advance prosecution. By deletion of these claims, Applicants do not acquiesce in the outstanding rejections and reserve the right to pursue the subject matter of these claims in one or more continuing applications.

Claims 7 and 8 and 14 and 15 dependent thereon have been amended to include degenerate sequences as suggested by the Examiner. Basis for this amendment appears on page 6, lines 1-5 and 25-28 and page 10, lines 19-29. Claims 7, 8, 14 and 15 remain in the application and are set forth in attached Appendix A.


USSN 07/800,364
Group Art Unit 1814
Filed: November 26, 1991
Page 3

In view of the above, it is submitted that the claims as amended are in condition for allowance. Reconsideration of the rejections and objections is requested. Should the Examiner believe that a telephone interview would assist in clarifying any remaining issues, Applicants respectfully invite the Examiner to call the undersigned attorney at the telephone number provided below.

Respectfully submitted,

Date

January 31, 1995


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APPENDIX A

7. An isolated DNA sequence selected from the group consisting of
 - (a) the nucleotide sequence set forth in SEQ ID NO:13 comprising nucleotide #8 to #850; and
 - (b) nucleotide sequences which encode the amino acid sequence comprising amino acid #-139 to #142 of SEQ ID NO:14.

8. An isolated DNA sequence selected from the group consisting of
 - (a) the nucleotide sequence set forth in SEQ ID NO:13 comprising nucleotide #434 to #850; and
 - (b) nucleotide sequences which encode the amino acid sequence comprising amino acid #4 to #142 of SEQ ID NO:14.

14. A host cell transformed with the DNA of claim 7.

15. A host cell transformed with the DNA of claim 8.